

AMENDMENTS TO THE CLAIMSListing of Claims:

1. (canceled)

2. (currently amended) A process according to Claim 1 10, characterized in that wherein the mould cavity (5) is evacuated while the casting chamber (6, 6') is being filled.

3. (currently amended) A process according to claim 1 10, characterized in that an opening of the casting chamber (6, 6') is closed by a wherein the chamber valve (11) is hydraulically controlled.

4. (currently amended) A process according to claim 2, characterized in that an opening of the casting chamber (6, 6') is closed by a wherein the chamber valve (11) is hydraulically controlled.

5. (currently amended) A die casting mold according to claim 9, particularly a vacuum die casting mold (1) for the production of cast parts from metals and/or their alloys, having a device (16) for evacuation of the mold cavity (5) and the casting chamber (6, 6'), particularly for performing the process according to claim 1, characterized in that an further comprising a casting plunger associated with one end of the casting chamber, and the opening on the face of between the casting chamber (6, 6') which and the injection channel lies opposite to the casting plunger (7), can be closed by a valve (11) plunger.

6. (currently amended) A diecasting die casting mold according to claim 5 10, characterized in that wherein the chamber valve (11) is hydraulically controlled and provided with a seal (14).

7. (currently amended) A die casting mold according to claim 5 10, characterized in that wherein the chamber valve (11) is connected via a plunger rod (12) with a hydraulic element (13)

in such a way that their temperatures of the chamber valve and hydraulic element are separate different.

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8. (currently amended) A die casting mold according to claim 6, characterized in that wherein the chamber valve (11) is connected via a plunger rod (12) plunger rod with a hydraulic element (13) in such a way that their temperatures of the chamber valve and hydraulic element are separate different.

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9. (new) A die casting mold for the production of cast parts from metals and/or their alloys, comprising:

- a mold cavity;
- a casting chamber;
- an injection channel;
- an isolation valve;
- a vacuum device for evacuation of the mold cavity and injection channel through the isolation valve; and
- a chamber valve movable to control an opening between the casting chamber and the injection device.

10. (new) A process for vacuum die casting metals and/or metal alloy parts with a die casting mold, the die casting mold including a mold cavity, a casting chamber, an injection channel, a vacuum device, an isolation valve, and a chamber valve distinct from the isolation valve that is positioned between the casting chamber and the injection channel, comprising:

- evacuating the mold cavity and injection channel through the isolation valve with the vacuum device;
- filling the casting chamber completely with metal melt; and
- filling the mold cavity with molten melt from the casting chamber through the chamber valve after the evacuating step.